



Contribution ID: 94

Type: **Presentation**

Overview of the Ultrafast Electron Diffraction Setup at Stellenbosch University

Ultrafast electron diffraction is a new and exciting technique which aims to directly observe photo-induced dynamics of solids and molecules on the atomic level (spatially in the Ångström regime and temporally in the femtosecond regime). This is done by combining two tried-and-trusted techniques, namely static electron diffraction and femtosecond pump-probe spectroscopy.

Primary author: Mr ERASMUS, Nicolas (Stellenbosch University)

Presenter: Mr ERASMUS, Nicolas (Stellenbosch University)

Track Classification: Track C - Lasers, Optics and Spectroscopy